

Collisionless reconnection using Alfvén wave radiation resistance

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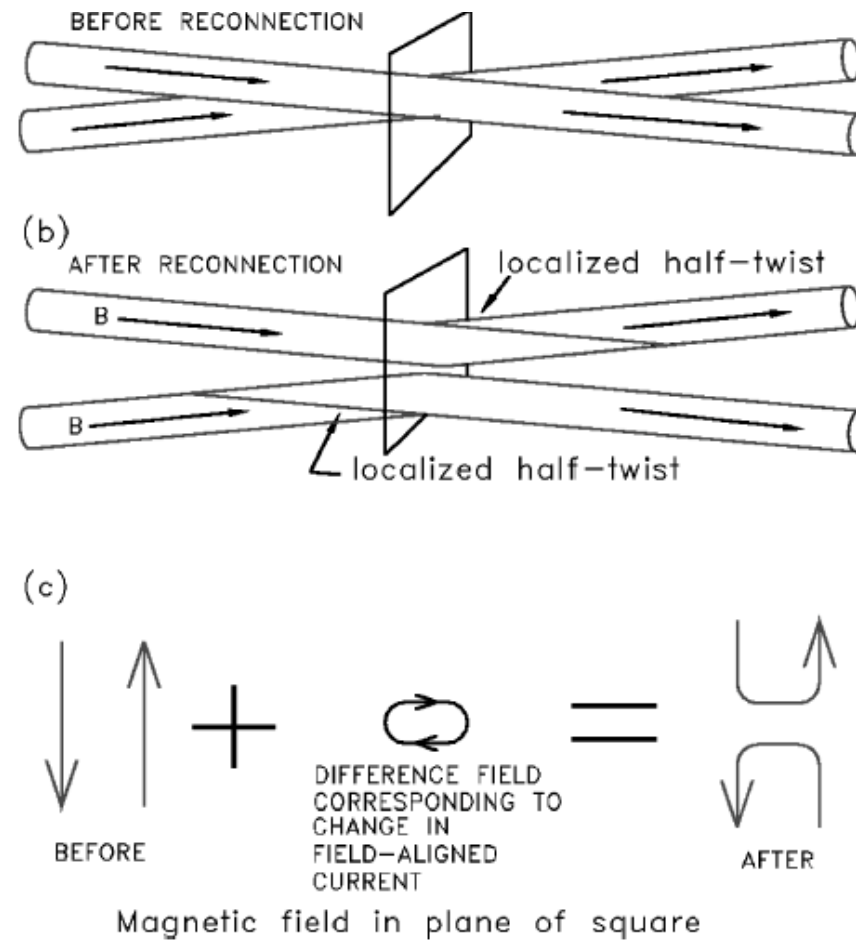


FIG. 1. (a) Two nearly coaxial adjacent flux tubes before reconnection. (b) Flux tubes after localized reconnection. Each flux tube now has a half twist at location of reconnection. (c) The field line projection in the x - y plane at axial location $z=0$. Note that the difference between before and after situations corresponds to a field-aligned current.